

REMARKS/ARGUMENTS

Claim Objections

Claim 10 was objected to because of the following informalities: line 3, before "node", "said" should be cancel. Claim 10 is thus amended.

Claim Rejections -35 USC § 103

Claims 10-11 and 22-23 remain rejected under 35 U.S.C 103(a) as being unpatentable over Flannagan (U.S Patent No. 6,031,408) and further in view of Li (U.S Patent No. 6,836,160) for the reasons recited in the last Office action.

Claims 10-11 and 22-23 remain rejected under 35 U.S.C 103(a) as being unpatentable over Flannagan (U.S Patent No. 6,031,408) and further in view of Kimura (U.S Patent No. 5,990,727) for the reasons recited in the last Office action.


A comment is included for record purposes: Applicants traverse the Examiner's rejections but did cancel the non-allowed claims to avoid the large USPTO fees to prosecute this case further. The reason obviousness does not apply is that in both references, Li and Kimura, which are being used to add in the feature of a resistor, the resistor is not being used for the reason which the Examiner purported in the Office Actions. Instead, in both references, the circuit is a current source reference applying the well know Brokaw cell technique: therefore, the resistor is being used to generate a PTAT kind of current which can only be done with a voltage across a resistor because of the tempcoo properties of a resistor, and not for the reasons purported. A discussion may be found under the category of bandgap circuits in two of the most popular analog circuit design textbooks: Gray & Meyer Analog Integrated Circuits and Johns & Martin Analog Integrated Circuit Design which the USPTO would have.

Allowable Subject Matter

Applicants thank the Examiner for allowing Claims 6-7 and 18-19. All the other non-allowed claims are cancelled. Claims 26 and 27 now depend on an allowed claim (6, 18), and therefore are believed allowable. Support is provided on p. 48, first paragraph of the disclosure. New claims 28 and 29 depend on allowed Claim 6 and are also believed allowable. Claim 28 is supported by Fig. 10 and p. 27, starting at L 29. Claim 29 is supported by Fig. 11 and p. 29 starting at L 11. No new matter is introduced.

Respectful request is made for entering the amendments as presented above, and issuing a Notice of Allowance.

Respectfully submitted,


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